

Iowa Crops & Weather



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Issued August 7, 2006

Vol 06-23

For the week ending August 6, 2006

HEAT, HUMIDITY AND RAIN

Agricultural Summary: Welcomed rains were reported statewide last week. Not much ponding, moisture was quickly absorbed by the soil. More rains are needed, especially in the southwestern counties where subsoil levels are shorter than normal. Strong winds in some northern counties flattened corn. Pastures and hay ground still need more than one week of showers to recover.

There were **5.1 days suitable for fieldwork** last week, compared to 5.9 days last year, and the 5-year average of 5.7 days. **Topsoil moisture** rated 21 percent very short, 33 percent short, 45 percent adequate, and 1 percent surplus. **Subsoil moisture** rated 28 percent very short, 38 percent short, and 33 percent adequate, and 1 percent surplus statewide.

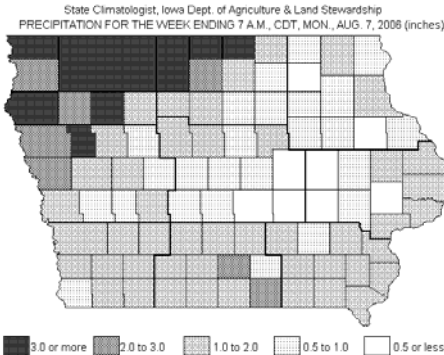
Field Crops Report: **Oats harvested for grain** reached 95 percent this past week, behind the previous year's 97 percent, but 2 percentage points ahead of the 5-year average. **Corn silked**, at 99 percent, was 1 percentage point ahead of last year and 5 percentage points ahead of the 5-year average. **Corn in the milk stage** was reported 73 percent, and 29 percent of the corn had reached the dough stage. **Corn condition** was reported as 5 percent very poor, 11 percent poor, 25 percent fair, 41 percent good, and 18 percent excellent. **Soybeans blooming** was reported at 97 percent, compared to last year's 98 percent average and the 5-year average of 95 percent. The percentage of **soybeans setting pods** was 84 percent, ahead of the 80 percent reported last year and the 5-year average of 72 percent. The **soybean condition** was reported as 4 percent very poor, 10 percent poor, 27 percent fair, 43 percent good, and 16 percent excellent. The **hay condition** across the state was reported as 13 percent very poor, 16 percent poor, 30 percent fair, 30 percent good, and 11 percent excellent. The **third alfalfa harvest** was reported 32 percent complete. The prolonged dry weather

earlier reduced the quantity of hay, while rain and high humidity this week reduced the quality of hay.

Livestock, Pasture and Range Report: **Pasture and range** rated 25 percent very poor, 24 percent poor, 28 percent fair, 18 percent good, and 5 percent excellent. Livestock suffered early in the week with the heat and humidity, stress may show in weight gains and death rates.

IOWA PRELIMINARY WEATHER SUMMARY

The past work week began with very hot and dry conditions. Afternoon temperatures on Monday (31st) were in the 90's statewide excepting a few 100's in the west and south. On Tuesday (1st) highs were in the 80's across the north one-third of the state and well into the 90's elsewhere. However, moderate to heavy rain overspread much of the northwest one-half of Iowa Tuesday evening into Wednesday (2nd) morning. Overnight rainfall topped 7 inches in Kossuth County while damaging winds were reported from at least 17 counties. Daytime highs in the 90's persisted across southeast Iowa on Wednesday with upper 70's and 80's elsewhere. Light to moderate rain fell across much of the southeast one-third of the state Wednesday (2nd) night into Thursday (3rd) morning. Daytime highs were in the 80's statewide on Thursday (3rd) and Friday (4th) but 90's crept back into far western Iowa on Saturday (5th) and over south central Iowa on Sunday (6th). Dry weather prevailed on Friday (4th) with scattered showers and thunderstorms over the weekend. Temperature extremes for the week ranged from Monday (31st) afternoon highs of 102 degrees at Mapleton and Hawarden to a Friday (4th) morning low of 53 degrees at Webster City. Temperatures for the week as a whole averaged 4.4 degrees above normal. Rainfall totals for the week varied from only 0.13 inches at Belle Plaine to 7.22 inches at Algona. The statewide average precipitation was 1.65 inches while normal for the week is 0.95 inches. This was Iowa's wettest week since late April.



Field Work and Crop Progress as of August 6, 2006

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn silked	99	100	98	99	100	99	98	96	99	99	94	98	94
Corn in or past milk stage	67	74	73	67	85	65	84	76	67	73	46	72	60
Corn in or past dough stage	28	30	19	22	39	30	44	32	25	29	11	40	23
Corn in or past dent stage	4	1	0	2	6	8	4	6	8	4	1	0	1
Soybeans blooming	100	100	98	97	98	89	98	89	93	97	94	98	95
Soybeans setting pods	97	92	83	80	93	72	82	62	67	84	66	80	72
Oats harvested for grain	97	95	91	94	94	99	100	98	97	95	81	97	93
Hay, alfalfa - second crop harvested	99	100	96	99	100	97	100	100	100	99	97	99	94
Hay, alfalfa - third crop harvested	53	22	28	37	26	19	27	33	36	32	15	25	17

Days Suitable & Soil Moisture Condition as of August 6, 2006

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	3.8	3.9	5.7	5.2	5.6	6.2	5.5	5.5	5.5	5.1	5.8	5.9
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	9	12	11	38	18	10	30	44	17	21	33	16
Short	25	30	21	32	36	30	32	42	52	33	34	26
Adequate	65	51	64	30	46	60	38	13	30	45	32	57
Surplus	1	7	4	0	0	0	0	1	1	1	1	1
Subsoil moisture												
Very short	19	25	12	42	23	8	24	68	36	28	33	16
Short	51	33	27	40	40	37	42	28	45	38	38	27
Adequate	30	38	61	18	37	55	34	4	18	33	29	54
Surplus	0	4	0	0	0	0	0	0	1	1	0	3

Weather Summary For Iowa Agricultural Statistics Service										
Prepared by AWIS, Inc.										
For the week ending: Sunday, August 6, 2006										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	98	58	77	7	5.32	4.55	15.58	1.24	194	44
Sioux Center	99	55	79	7	1.21	0.51	10.53	-3.92	203	40
Spencer	99	57	78	7	4.15	3.24	14.39	-0.65	200	41
Spirit Lake	100	61	76	5	4.80	4.03	14.05	-0.17	185	10
North Central District										
Britt	95	58	76	4	2.54	1.70	15.15	-0.96	185	26
Humboldt	96	61	76	4	1.84	0.93	11.40	-5.03	186	22
Mason City	98	55	77	6	1.61	0.70	17.14	0.51	189	35
Osage	96	59	76	4	1.58	0.60	16.40	-0.29	180	9
North East District										
Decorah	96	57	77	5	1.52	0.65	16.71	0.46	191	30
Dubuque	92	61	78	7	0.40	-0.57	20.23	3.26	199	45
Elkader	95	57	78	7	0.68	-0.30	16.09	0.01	197	20
Fayette	92	60	76	5	0.78	-0.21	17.34	0.34	183	29
Waterloo	96	56	78	6	0.51	-0.42	15.32	-2.15	199	41
West Central District										
Carroll	93	57	77	4	1.46	0.55	13.31	-4.38	190	27
Castana	104	60	79	5	2.55	1.82	10.87	-4.43	203	42
Guthrie Center	96	54	78	4	1.30	0.43	18.54	1.79	195	27
Harlan	94	56	76	3	0.66	-0.09	14.58	-1.67	186	25
Jefferson	97	59	78	5	0.58	-0.33	13.87	-3.82	197	34
Logan	98	56	78	4	1.29	0.52	12.66	-3.33	199	23
Rockwell City	95	59	76	3	0.97	0.06	11.53	-4.99	183	16
Sac City	97	58	77	4	2.01	1.17	9.18	-6.95	192	27
Sioux City	101	58	80	5	1.95	1.25	9.78	-3.81	212	35
Central District										
Boone	97	58	77	4	1.32	0.46	18.40	0.80	191	27
Des Moines	99	65	82	6	1.22	0.32	13.12	-2.92	222	38
Grundy Center	96	58	77	6	1.70	0.79	15.89	-1.25	188	37
Marshalltown	97	55	78	7	0.73	-0.30	13.96	-3.21	200	42
Newton	100	64	81	7	0.25	-0.59	12.35	-4.18	218	47
Perry	96	58	78	5	0.71	-0.13	16.70	0.05	196	33
Toledo	98	58	78	6	0.16	-0.87	11.56	-5.94	199	38
East Central District										
Cedar Rapids	93	60	78	5	0.42	-0.43	10.94	-5.35	200	35
Davenport	96	61	81	7	2.04	1.12	16.39	0.40	217	42
Iowa City	98	64	81	6	0.41	-0.64	13.44	-4.64	217	36
Lowden	95	59	79	7	0.24	-0.74	16.48	-1.50	205	41
Maquoketa	93	60	78	6	0.25	-0.63	22.29	6.25	194	35
Muscatine	99	62	82	7	1.21	0.30	18.03	1.03	226	72
South West District										
Atlantic	96	54	77	5	1.64	0.87	16.87	1.38	193	29
Clarinda	94	56	77	3	1.06	0.01	13.84	-4.60	192	16
Glenwood	101	59	80	6	0.94	0.10	12.55	-4.39	215	36
Red Oak	98	58	80	4	0.61	-0.30	12.94	-5.32	209	27
Sidney	101	63	81	5	0.33	-0.67	13.56	-3.67	216	33
South Central District										
Allerton	98	59	80	6	0.81	-0.15	11.40	-5.76	209	64
Beaconsfield	98	64	80	6	1.82	0.91	13.58	-3.15	208	34
Chariton	99	56	79	5	2.52	1.65	14.88	-2.73	209	36
Indianola	97	59	79	6	1.55	0.71	15.30	-1.65	206	36
Leon	100	57	80	6	0.56	-0.40	12.54	-4.66	214	38
South East District										
Bloomfield	97	62	81	6	0.62	-0.38	12.70	-4.56	216	37
Burlington	98	63	83	9	0.81	-0.09	10.60	-5.75	233	58
Ottumwa	96	60	80	5	0.79	-0.12	11.75	-4.51	210	28
Washington	98	60	80	4	0.82	-0.02	13.26	-2.73	211	49

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2006: AWIS, Inc. All Rights Reserved.